



Vision • Commitment • Pride

# FOREST STEWARDSHIP MANAGEMENT PLAN

Prepared For:  
Carroll County BOE

Prepared By:  
Jim Strong  
MFC

Time Period Covered by This Plan:  
2012 - 2021

Date Plan Prepared:  
2012-02-15

Plan Type:  
Stewardship / Stewardship

This plan was developed in accordance with the rules of the Stewardship program.

**Property Name: S16-T18N-R4E**

MISSISSIPPI FOREST STEWARDSHIP PROGRAM

## TABLE OF CONTENTS

LANDOWNER INFORMATION .....	3
FORESTER INFORMATION .....	3
DISCLAIMER .....	3
INTRODUCTION .....	3
OBJECTIVES .....	4
PROPERTY DESCRIPTION .....	4
GENERAL PROPERTY RECOMMENDATIONS .....	5
SOIL TYPES .....	7
STRATA .....	8
OTHER PLAN ACTIVITIES .....	13
PLAN MAP .....	14
PLAN MAP .....	15
STRATA ACTIVITY SCHEDULE .....	16

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

**LANDOWNER INFORMATION**

Name: Carroll County BOE  
Mailing Address: P O Box 256  
City, State, Zip: Carrollton, MS 38917  
Country: United States of America  
Contact Numbers: Home Number:  
Office Number: 662-237-9276  
Fax Number:  
  
E-mail Address:  
Social Security Number (optional):

**FORESTER INFORMATION**

Name: Jim Strong , Service Forester  
Forester Number: 00898  
Organization: MFC  
Street Address: P O Box 95  
City, State, Zip: Carrollton, MS 38917  
Contact Numbers: Office Number: 662-237-6732  
Fax Number:  
E-mail Address: jstrong@mfc.state.ms.us

**PROPERTY LOCATION**

County: Carroll    Total Acres: 637    Latitude: -89.88    Longitude: 33.42  
Section: 16    Township: 18N    Range: 4E

**DISCLAIMER**

This information was derived from a small sampling of the forest resources. It reflects a statistical estimation that is only intended to be accurate enough for the purposes of making decisions for the short-term management of these resources. These estimations are temporally static. Events and circumstances may occur within the survey area that will physically alter the forest resources and therefore will not be reflected in this plan.

**INTRODUCTION**

This Forest Stewardship Management Plan will serve as a guide for accomplishing the goals and objectives for your property. In addition to addressing your specific goals and objectives, this plan includes recommendations for maintaining soil and water quality and protecting your forest from insects, disease, and wildfire. Recommendations are based on observation and assessment of the site.

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

**OBJECTIVES**

*Timber Production*

The goal is to produce high quality sawtimber. This will be accomplished through reforestation and timber stand improvement practices such as herbicide applications, prescribed burning, thinning at specified intervals, and other silvicultural practices. Forestry Best Management Practices will be implemented to prevent erosion and protect water quality.

*Wildlife Management - General*

The goal is to provide a diversity of habitats suitable for a variety of game and non-game wildlife species. Habitat management will focus on developing a variety of food, cover, water, and space. This will be accomplished by establishing and maintaining access roads and firelanes, providing openings within the forest, and the management of trees located within the Streamside Management Zone

**PROPERTY DESCRIPTION**

*General Property Information*

This section of 643 acres is located in the south central part of Carroll County. The South East corner of this section is located in Booth's Watershed Lake. Also Carpenter's Watershed lake is located on the section. County Road # 56 runs through this section and CR# 53 runs along the western side. A lot of residential homes and cabins are located off the section along the south east property line and overlooking Booth's Lake .

*Water Resources*

The drainages of this section are in the Sandy Creek watershed. Sandy creek is a tributary of the Yazoo River. The objective is to protect, preserve and enhance all water sources and drainages on or transecting the property. Mississippi Best Management Practices will be implemented during all aspects of the management of this property to minimize the impact on all water resources. Carpenter's Lake is located on the section . Also part of another watershed lake named Booth's Lake is located along the south eastern corner of the section. these lakes provide fishing, boating and recreation to the Leasee as well the benefits to the native wildlife.

*Timber Production*

The goal is to maximize the production of high quality timber. This will be accomplished through the application of timely thinning and other silvicultural practices designed to enhance timber quality and growth. Forestry Best Management Practices will be implemented to prevent erosion and protect water quality.

*Threatened and Endangered Species*

No threatened and endangered species were identified during the reconnaissance and evaluation of this property.

If any threatened and /or endangered species are discovered, immediate management procedures will be applied to protect these sensitive natural resources for future

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

generations.

*Interaction with Surrounding Property*

Prescribed practices should be carried out in a manner that will minimize adverse impacts on surrounding properties. Consideration should be given to potential air, water, visual, and other impacts. In addition, practices carried out should have positive effects on the surrounding community such as improved wildlife habitat and soil stabilization.

*Soils General*

Soils were evaluated on the property to determine the suitability of the site for the proposed activities. Forest practices were planned so as to minimize erosion or other adverse effects on the soil. The following soils are identified for this property: Ariel Silt Loam, Memphis Silt Loam, Bruno Sandy Loam and Smithdale-Lexington-Providence Association.

For a complete description of these soils, please see the Soil Type Section in this plan.

*Archeological and Cultural Resources*

No Archeological and Cultural Resources were identified during a reconnaissance of the property.

If any Archeological and/or Cultural Resources are discovered during the management of this property, immediate management practices will be applied.

## **GENERAL PROPERTY RECOMMENDATIONS**

*Forest Protection*

A vigorous growing stand is the best defense to an attack from a variety of forest insects, plants and pathogens.

**Insects and Diseases**

Trees are subject to attack from insects and diseases. Different insects and diseases affect trees according to the age, species, and condition of the trees. Planted stands of pines and pure stands of hardwoods are particularly susceptible to attack. Since there are many different insects and diseases, no attempt will be made here to explain all of them. The property should be inspected at least annually for possible signs of insect and disease activity. Some things to look for are:

- Unseasonable leaf fall
- Discoloration of leaves or needles
- Pitch pockets on pine trees
- Heavy defoliation of hardwood leaves
- Groups of three or more dying trees within a stand

This list does not cover all instances of insect or disease attacks. If anything unusual is noticed, report it to a forester. In most cases, insect and disease problems can be controlled if discovered early.

## MISSISSIPPI FORESTRY COMMISSION FOREST STEWARDSHIP MANAGEMENT PLAN

### Fire Protection

The Mississippi Forestry Commission will establish and maintain all firebreaks around the property and other forest management areas on the property. These firebreaks will help to protect your property from wildfires. All firebreaks will be established and maintained according to Mississippi Best Management Practices.

### Grazing

Tree seedlings should be protected from grazing until such time as the terminal bud of the sapling is beyond reach of livestock. Domestic livestock should be denied access to the tree planting area.

### Boundary Lines

It is the responsibility of the landowner to ensure that all property lines and boundaries designating areas to receive forestry work are clearly identified and visible to all contractors.

**Note:** Some forest practices may cause temporary adverse environmental or aesthetic impacts. These practices will only cause short-term adverse impacts where they are installed. Special efforts will be made to minimize adverse effects when carrying out any of the practices. Examples include: site preparation, planting, prescribed fires, firebreak installation and maintenance, road installation and maintenance, pesticide applications and timber harvesting.

### *Water Quality Protection*

The objective of the landowner is to protect, preserve and enhance all water sources on or transecting the property. This can best be achieved by implementation of Best Management Practices in all aspects of the management of the property.

### *Aesthetics*

The goal is to assure that the property is managed in such a way that is aesthetically pleasing to the adjoining landowners as well as the community. Activities could include, maintaining buffer strips along the road and adjacent to the home site, planting wildflowers along the road, and trees with attractive fall and spring color along the drive and near the home sites.

Also located on this section is an old log cabin over 100 years old which will be protected from all management activities.

The hardwood stands located along both watershed lakes will be maintained for the aesthetics value for the homes that are located along the lakes.

### *Ecological Restoration*

Ecological restoration is the process of assisting the recovery of an ecosystem that has been degraded, damaged, or destroyed. A reconnaissance of the property has been conducted and no ecological restoration activities are recommended at this time.

# MISSISSIPPI FORESTRY COMMISSION

## FOREST STEWARDSHIP MANAGEMENT PLAN

### *Wildlife Mgt. Target Species*

The objective of this practice is to provide habitat best suited for the featured or target species. Habitat management will focus on providing food, cover, water, and space to facilitate the target species.

### *Environmental Education*

Environmental educational goals are to provide educational opportunities for children and adults through the development of items such as nature trails with tree identification markers, wildlife viewing areas, picnic areas, parking, public restroom facilities.

### *Wildlife Management General*

The goal is to provide a diversity of habitats suited for a variety of game and non-game wildlife species. Habitat management will focus on providing a variety of food, cover, water, and space. This will be accomplished, in part, by establishing and maintaining access roads and firelanes, providing openings within the forest, and leaving mast producing and den trees.

The section is leased to one hunting club. Their main goal is focused on deer and turkey hunting. Also fishing and duck hunting is enjoyed in the watershed lakes as well as other water sports.

### *Timber Management*

Timber management goals for this property are to manage timber resources in such a manner as to maximize timber production throughout the life of the stand.

### *Recreation*

According to landowner objectives the recreational use of the property could prove to be an avenue for personal enjoyment or for generating income. An evaluation of your property should be conducted and a plan developed to accomplish your specific goals for recreational activities on your property.

## SOIL TYPES

28

The Ariel component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains. The parent material consists of silty alluvium deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 39 inches during January, February, March, April. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria. Loblolly Site Index = 95.

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

*6E3*

The Memphis component makes up 95 percent of the map unit. Slopes are 12 to 40 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria.

*13*

The Bruno component makes up 90 percent of the map unit. Slopes are 0 to 3 percent. This component is on natural levees. The parent material consists of sandy alluvium deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 60 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria. Loblolly Site Index = 93.

*9F*

The Smithdale component makes up 47 percent of the map unit. Slopes are 12 to 40 percent. This component is on hillslopes. The parent material consists of loamy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria. The Providence component makes up 27 percent of the map unit. Slopes are 12 to 15 percent. This component is on uplands. The parent material consists of silty loess over sandy marine deposits. Depth to a root restrictive layer, fragipan, is 18 to 38 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

## **STRATA**

### *Strata 1*

#### **Stand Description**

This strata consists of the following stands : #7 and #19 for a total of 53.63 acres. This well stocked loblolly pine plantation was established in January 1998 after the tract was aerially sprayed with prescribed herbicides, site preparation burned and planted to



**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

loblolly pines. The strata consists of pine chip-n-saw and pulpwood trees that average 7.0 inches in diameter. There are 425 trees to the acre with an average total height of 37 feet with 75 tons per acre.

**Stand Recommendations**

This loblolly pine strata will be managed on a 35 year rotation using sound forestry management practices. This strata will be thinned to lower the area which will create more sunlight for a period of time to the forest floor which will create more wildlife food and cover for the deer, turkey and other native wildlife.

**Activity Recommendations**

**Harvest**

The loblolly pine stands in this strata should be thinned to a ( BA of 75 +/- 10 square feet per acre) in 2015. The Mississippi Forestry Commission will evaluate these stands at that time and make a determination of the best thinning method.

The thinning will allow the remaining trees to reach sawtimber size more quickly and will allow more sunlight to reach the forest floor which resulting in more tender vegetation for the native wildlife.

**Fire Protection**

Prescribed burning is recommended in this strata to reduce fuel loading , the potential for a wildfire, and to improve wildlife habitat. A prescribe burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A prescribed burn manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other prescribed burn vendors are available to conduct prescribe burning.

Prescribe burning will be scheduled as follows:  
Stand #7 and #10 in the fall of 2017.

***Strata 2***

**Stand Description**

This strata consists of the following stands : #12 , #15, #19 and # 20 for a total of 160.98 acres. This strata is a 49 year old stand of hardwood sawtimber and pulpwood which consists of oaks, gums, maples, ash and other hardwood species that average 11 inches in diameter . There are 197 trees per acre that average 67 feet in total height with 70 tons per acre. The stands in this strata are found growing along the drainages that flow from or into the 2 watershed lakes on this section. This strata will be managed as a stream side management zone (SMZ) protecting the drainages from run off and maintaining stream temperature.

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

**Strata Recommendations**

This strata will be managed on a 65 year rotation. No activities are planned for the life of this plan. Wildlife such as deer, turkey and other native wildlife use this area for food and cover. The hardwood timber and drainage provide excellent native wildlife habitat.

*Strata 3*

**Stand Description**

This strata consists of the following stands : #3 , #4, #5, and #6 for a total of 107.05 acres. This strata is a well stocked loblolly pine plantation that was established in February 2007 after the tract was aerially sprayed with prescribe herbicides and site preparation burned and planted to loblolly pines. A survival checks shows that there are 475 trees per acre.

**Stand Recommendations**

This loblolly pine stand will be managed on a 35 year rotation using sound forestry management practices. No management practices are planned for the life of this plan. The stands will be inspected for health and other potential problems on an annual basis.

Native wildlife use these stands regularly for cover, nesting and for food.

*Strata 4*

**Stand Description**

This strata consists of the following stands : #1 , #9, #13, #14, #16, #21, #23, and #24 for a total of 271.37 acres. This well stocked loblolly pine plantation was planted in January 1996 after the tract was aerially sprayed with prescribed herbicides, site preparation burned and planted to loblolly pine trees. There are 376 trees per acre that average 8 inches in diameter with a basal area of 127 square feet per acre. The average merchantable height is 37 feet with 107 tons per acre.

**Stand Recommendations**

This loblolly pine strata will be managed on a 35 year rotation using sound forestry management practices. The strata will be thinned to lower the basal area which will create more sunlight for a period of time to the forest floor resulting in more wildlife food and cover for the deer, turkey and other native wildlife.

**Activity Recommendations**

**Harvest**

This strata will be row thinned in 2012 to an average (Basal area of 75+/- 10 square feet per) acre. The Mississippi Forestry Commission will conduct this sale and maintain all timber harvesting. By lowering the number of trees per acre, the residual stand will grow into sawtimber trees more rapidly. The increased sunlight to the forest floor will create more herbaceous vegetation for native wildlife.

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

**Fire Protection**

Prescribed burning is recommended in this strata to reduce fuel loading, the potential for wildfire, and to improve wildlife habitat. A prescribe burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A prescribed burn manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other prescribed burn vendors are available to conduct prescribe burning.

Prescribe burning will be scheduled as follows:

Stand #1, #9, #13, #14, # 16, #21, #23, and #24 in the fall of 2014.

**Harvest**

The loblolly pine stands in this strata should be thinned to a (BA of 75 +/- 10 square feet) in 2018. The Mississippi Forestry Commission will evaluate these stands at that time and make a determination of the best thinning method.

The thinning will allow the remaining trees to reach sawtimber size more quickly and will allow more sunlight to reach the forest floor which will creating more tender vegetation for the native wildlife.

**Fire Protection**

Prescribed burning is recommended in this strata to reduce fuel loading, the potential for wildfire, and to improve wildlife habitat. A prescribe burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A prescribed burn manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other prescribed burn vendors are available to conduct prescribe burning.

Prescribe burning will be scheduled as follows:

Stand #1, #9, #13, #14, # 16, #21, #23, and #24 in the fall of 2020.

***Strata 5***

**Stand Description**

This strata consists of stand : #17 for a total of 3 acres. This well stocked loblolly pine plantation was established in January 2002 after the tract was machine planted to loblolly pines after the open land was reclassified to Forest Land. There are 425 trees to the acre with an average total height of 20 feet . This strata is located below the Carpenter Lake damn and native wildlife use this starta for a corridow to tarvel through and for food.

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

**Stand Recommendations**

This loblolly pine strata will be managed on a 35 year rotation using sound forestry management practices. This strata will be thinned to lower the basal area which will create more sunlight for a period of time to the forest floor which will create more wildlife food and cover for the deer, turkey and other native wildlife.

**Activity Recommendations**

**Harvest**

This loblolly pine strata should be thinned to a BA of 75 +/- square feet per acre in 2019.

The thinning will allow the remaining trees to reach sawtimber size more quickly and will allow more sunlight to reach the forest floor resulting in more tender vegetation for native wildlife.

**Fire Protection**

Prescribed burning is recommended in this strata to reduce fuel loading, the potential for wildfire, and to improve wildlife habitat. A prescribed burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A prescribed burn manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other prescribed burn vendors are available to conduct prescribed burning.

Prescribed burning will be scheduled as follows:

Stand #17 in the fall of 2021

*Strata 6*

**Strata Description**

Strata 3 consists of Stand # 2 which totals approximately 7.75 acres and is comprised of hardwood sawtimber that was established in 1966. This strata has the old historic log cabin located around it. The hardwood trees offer a buffer from the surrounding pine plantations.

This hardwood sawtimber strata is well stocked and consists of 245 trees per acre of White Oak, Southern Red Oak, Post Oak and other hardwood species that average 13 inches in diameter and that are 62 feet tall in total height and has 85 tons per acre.

Wildlife such as deer, turkey and squirrels have an excellent food source of acorns and the hardwoods provide cover and nesting areas.

**MISSISSIPPI FORESTRY COMMISSION  
FOREST STEWARDSHIP MANAGEMENT PLAN**

**Stand Recommendations**

This area will be maintained as a buffer strip between the old historic log cabin and the surrounding pine plantations . No activities are planned for the next 10 years. The pines will be managed on a 35 year rotation and the hardwoods on a 65 year rotation.

**OTHER PLAN ACTIVITIES**

*Boundary Lines*

**Line Description**

Routine inspection and general maintenance of the roads, firelanes and boundary lines will ensure the overall appearance and aesthetics of the property.

**Line Recommendations**

The 4 miles of boundary lines will be repainted with red paint at eye level on the old hacked marks and all corners marked with a X to insure that the property boundaries are clearly identified .

**Activity Recommendations**

**Property Activities**

Routine inspections and general maintenance of the roads, firelanes, and boundary lines will ensure overall appearance and aesthetics of the property.

All property lines will be remarked with red paint during the summer of 2014.

**Property Activities**

Routine inspections and general maintenance of the roads, firelanes and boundary lines will ensure overall appearance and aesthetics of the property.

All property lines will be remarked with red paint during the summer of 2019.



S16-T18N-04E Carroll County BOE



**S16-T18N-04E Carroll County BOE**

Booth Lake  
2012 to 2021  
636.52 Acres





## S16-T18N-04E Carroll County BOE

### Property

Property (1)

### Category 1: Stands

Chip-n-Saw (8)  
 Reproduction (4)  
 Pulpwood (3)  
 Sawtimber (4)  
 Sub-Merchantable (1)

### Category 3: Non-Forest Stands

Non-Forest (4)

### Structures

Single-Family (1)

### Property Roads/Trails

Access Road (5)

### Management Compartment

Harvest (6)

## MFC Basemap

### County Boundary

County Boundary (1)

### Quadrangle Grid

USGS Quad (2)

### PLS Townships

PLS Townships (1)

### Survey Districts

District 2 (1)

### Blockgroup (Census 2000)

Blockgroup (Census 2000) (1)

### Block (Census 2000)

Block (Census 2000) (7)

### Tract/BNR (Census 2000)

Tract/BNR (Census 2000) (1)

### County Roads

County Roads (5)

### School Sections

School Sections (1)

### Public School Districts

CARROLL COUNTY SCHOOL DISTRICT (1)

### US Congressional District

US Cong Dist #2 (1)

### MS Senate

14 (1)

### MS House

34 (1)

### Perennial Streams

Perennial Streams (2)

### Intermittent Streams

Intermittent Streams (3)

### Dam Locations

Dam Locations (1)

### Hydrologic Units (Basins)

UPPER YAZOO RIVER (1)

### Water Bodies

Water Bodies (1)

### Historic Forest Boundary

Oak-Hickory-Magnolia-Poplar (1)

### MS Forest Habitat

DEEP LOESS HILLS AND BLUFFS (1)

### Physiographic Region

North Central Hills (1)

### Soil Associations

ariel-morganfield-bruno (1)  
 smithdale-providence-collins (1)

### Surface Geology

KOSCIUSKO (1)

### MFC Districts

MFC Districts (1)

### MFC Dispatch Units

MFC Dispatch Units (1)

### MS Outline

MS Outline (1)

Stand Activity Schedule for  
Carroll County BOE  
16 18N 4E

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue	
2012						
4	1	Harvest, Mechanical, 1st Thin, Machine, Loblolly	3	\$105.00	\$450.12	
4	9	Harvest, Mechanical, Thin, Machine, Loblolly	12	\$155.36	\$1,851.49	
4	13	Harvest, Mechanical, Thin, Machine, Loblolly	38	\$473.64	\$5,644.50	
4	14	Harvest, Mechanical, Thin, Machine, Loblolly	4	\$55.77	\$664.68	
4	16	Harvest, Mechanical, Thin, Machine, Loblolly	7	\$83.09	\$990.26	
4	21	Harvest, Mechanical, Thin, Machine, Loblolly	71	\$893.89	\$10,652.84	
4	23	Harvest, Mechanical, Thin, Machine, Loblolly	9	\$108.65	\$1,294.85	
4	24	Harvest, Mechanical, Thin, Machine, Loblolly	128	\$672.00	\$21,824.00	
			Yearly Totals	272	\$2,547.41	\$43,372.74
2014						
4	1	Fire Protection, Other, Burn, Hand, Fuel Reduction	3	\$75.00	\$0.00	
4	9	Fire Protection, Other, Burn, Hand, Fuel Reduction	12	\$308.50	\$0.00	
4	13	Fire Protection, Other, Burn, Hand, Fuel Reduction	38	\$950.00	\$0.00	
4	14	Fire Protection, Other, Burn, Hand, Fuel Reduction	4	\$110.75	\$0.00	
4	16	Fire Protection, Other, Burn, Hand, Fuel Reduction	7	\$165.00	\$0.00	
4	21	Fire Protection, Other, Burn, Hand, Fuel Reduction	71	\$1,766.75	\$0.00	
4	23	Fire Protection, Other, Burn, Hand, Fuel Reduction	9	\$215.75	\$0.00	
4	24	Fire Protection, Other, Burn, Hand, Fuel Reduction	128	\$3,200.00	\$0.00	
			Yearly Totals	272	\$6,791.75	\$0.00
2015						



Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue	
1	7	Harvest, Mechanical, Thin, Machine, Loblolly	34	\$1,205.40	\$4,697.62	
1	10	Harvest, Mechanical, Thin, Machine, Loblolly	18	\$630.00	\$2,455.20	
			Yearlv Totals	52	\$1.835.40	\$7.152.82
2017						
1	7	Fire Protection, Other, Burn, Hand, Fuel Reduction	34	\$861.00	\$0.00	
1	10	Fire Protection, Other, Burn, Hand, Fuel Reduction	18	\$450.00	\$0.00	
			Yearlv Totals	52	\$1.311.00	\$0.00
2018						
4	1	Harvest, Mechanical, BioMass, Machine, Loblolly	3	\$105.00	\$789.60	
4	9	Harvest, Mechanical, Thin, Machine, Loblolly	12	\$431.90	\$5,386.41	
4	13	Harvest, Mechanical, Thin, Machine, Loblolly	38	\$1,316.70	\$16,421.13	
4	14	Harvest, Mechanical, Thin, Machine, Loblolly	4	\$155.05	\$1,933.70	
4	16	Harvest, Mechanical, Thin, Machine, Loblolly	7	\$245.00	\$3,055.50	
4	21	Harvest, Mechanical, Thin, Machine, Loblolly	71	\$2,473.45	\$30,847.46	
4	23	Harvest, Mechanical, Thin, Machine, Loblolly	9	\$302.05	\$3,767.00	
4	24	Harvest, Mechanical, Thin, Machine, Loblolly	128	\$4,480.00	\$36,608.00	
			Yearlv Totals	272	\$9.509.15	\$98.808.79
2019						
5	17	Harvest, Mechanical, Thin, Machine, Loblolly	3	\$105.00	\$511.50	
			Yearlv Totals	3	\$105.00	\$511.50
2020						
4	1	Fire Protection, Other, Burn, Hand, Fuel Reduction	3	\$75.00	\$0.00	
4	9	Fire Protection, Other, Burn, Hand, Fuel Reduction	12	\$308.50	\$0.00	
4	13	Fire Protection, Other, Burn, Hand, Fuel Reduction	38	\$950.00	\$0.00	

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue	
4	14	Fire Protection, Other, Burn, Hand, Fuel Reduction	4	\$110.75	\$0.00	
4	16	Fire Protection, Other, Burn, Hand, Fuel Reduction	7	\$165.00	\$0.00	
4	21	Fire Protection, Other, Burn, Hand, Fuel Reduction	71	\$1,766.75	\$0.00	
4	23	Fire Protection, Other, Burn, Hand, Fuel Reduction	9	\$215.75	\$0.00	
4	24	Fire Protection, Other, Burn, Hand, Fuel Reduction	128	\$3,200.00	\$0.00	
			Yearly Totals	272	\$6,791.75	\$0.00
2021						
5	17	Fire Protection, Other, Burn, Hand, Fuel Reduction	3	\$75.00	\$0.00	
			Yearly Totals	3	\$75.00	\$0.00
Grand Totals			1,198	\$28,966.46	\$149,845.85	